

Page 5, line 21                      after “of” change “aluminium” to -- aluminum--

Page 6, line 10                      after “activated” change “insitu” to -- *in situ* --

   line 21                      after “of” change “aluminium” to -- aluminum--

Page 7, line 5                      after “undesira” insert -- - -- (hyphen)

Page 8, line 16                      after “of” change “aluminium” to -- aluminum--

Page 9, line 8                      1                      after “of” change “aluminium” to -- aluminum--

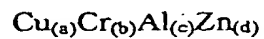
Page 10, line 3                      after “period” change “(atleast)” to -- at least --

**IN THE CLAIMS:**

Please amend the following claims.

Claim 1 (twice amended)

A copper chromite catalyst having a final [the] molar composition



wherein  $a = 10 - 40$  mole %

$b = 10 - 40$  mole %

$c = 10 - 30$  mole %

$d = 5 - 40$  mole %

and  $a + b + c + d = 100$

and having an intermediate molar composition before calcination and reduction

of about  $\text{Cu} + \text{Cr} = 50$  mol%,  $\text{Zn} = 20$  mol% and  $\text{Al} = 30$  mol%

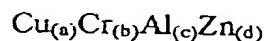
and having an XRD pattern as shown in table 1

Table I: XRD analysis of the copper chromite catalyst

$\theta$	Intensity (%)
18	100
26.2	100
27.4	48
35.8	92
44.2	48
56.6	44

Claim 2 (twice amended)

A process for the preparation of a copper chromite catalyst having a final [the]  
molar composition



wherein  $a = 10 - 40$  mole %

$b = 10 - 40$  mole %

$c = 10 - 30$  mole %

$d = 5 - 40$  mole %

and  $a + b + c + d = 100$

and having an intermediate molar composition before calcination and reduction  
of about  $\text{Cu} + \text{Cr} = 50$  mol%,  $\text{Zn} = 20$  mol% and  $\text{Al} = 30$  mol%

and having an XRD pattern as shown in table I

Table I: XRD analysis of the copper chromite catalyst

$\theta$	Intensity (%)
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44.2	48
56.6	44

which comprises preparing an aqueous solution of a source of copper, a source of aluminium and a source of zinc, adding to this solution a solution containing a source of chromium, under stirring conditions to obtain a precipitate, separating the precipitate, drying the precipitate at a temperature ranging between 80 to 110°C, calcining the dried material in static air at a temperature ranging between 200 to 500°C for a period ranging between 2 to 5 hrs., to obtain the catalyst.